

**AITKIN COUNTY**  
**CERTIFICATE OF INSTALLATION/~~NOTICE OF NONCOMPLIANCE~~**

This certificate of installation/~~notice of noncompliance~~ has been issued this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_ to certify compliance/~~noncompliance~~ with Aitkin County's Subsurface Sewage Treatment System Ordinance.

The premises covered by this certificate are legally described as: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ Lake \_\_\_\_\_  
PERMIT NO. \_\_\_\_\_ Owner Name \_\_\_\_\_  
Address \_\_\_\_\_  
Installer Name \_\_\_\_\_  
Type of System Inspected \_\_\_\_\_  
Parcel Number \_\_\_\_\_

The certificate of installation/~~notice of noncompliance~~ was based on No \_\_\_ of the following:

- 1) Inspection of the installation or construction as in accordance with the above referenced permit and application design.
  
- 2) Review of as-built plans submitted in accordance with Subdivision 9.2 D of Aitkin County's Subsurface Sewage Treatment System Ordinance.

If the above permitted subsurface sewage treatment system is in noncompliance with Aitkin County's Subsurface Sewage Treatment System Ordinance, then the following shall serve as a Notice of Violation:

- 1) Statement of the findings of fact through inspections or investigations:  
\_\_\_\_\_  
\_\_\_\_\_

- 2) List of specific violations of Ordinance: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 3) Requirements for correction or removal of violations: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

- 4) Time schedule for compliance: \_\_\_\_\_  
\_\_\_\_\_

Failure to correct or remove the above violation(s) will result in this matter being turned over to the Aitkin County Attorney's Office for further legal action, which may result in revocation of licenses or registrations, fines and/or imprisonment.

INSPECTOR SIGNATURE \_\_\_\_\_

**SUBSURFACE SEWAGE TREATMENT SYSTEM INSPECTION FORM  
AITKIN COUNTY, MINNESOTA**

Township White Pine Date of Inspection 6/4/2020 I App. Number 2019-5186  
6/5/2020 F 44685  
Owner Craig Buck Parcel Number 37-0-048501 Permit under 048500  
Project Address 22889 210<sup>th</sup> Ave. Installer Dave Engdahl  
City McGrath Zip Code 56350 TI 3BR Mound

New  Repair

**SETBACKS:**

Buildings to tank(s) 40'  
Buildings to drainfield 60'  
Well(s) 50' or 100' SW: 61' to tank  
Lake/Creek/Wetland —

**SEPTIC TANKS:**

New  Existing   
Number of tanks installed 1 1650 Jac. Combo  
Liquid capacity and type 1120 part combo  
Type of baffle Plastic  
Inspection pipes —

Manholes size 24"  
Manhole to grade Yes  No

**PUMPS:**

New  Existing   
Tank capacity and type 533 part combo  
Pump manufacturer & model # Liberty 283  
Horsepower & GPM 1/2 HP 22GPM  
Feet of head 12'  
Gallons per cycle —  
Size of discharge line 1.5"  
Type & location of alarm Electric on tank  
Water meter —

**DRAWING OF SYSTEM: (include soils)**

see attached site plan.

DIST. or DROP BOX & TYPE —

**TRENCHES, BEDS, OR GRAVELLESS LEACHFIELD:**

Trench/Bed depth —  
Trench/Bed length —  
Trench/Bed bottom width —  
Trench spacing —  
Drainfield rock below pipe —  
Size of gravelless pipe —  
Depth of backfill —  
Absorption area: square feet —  
lineal feet —

**MOUNDS:**

Percent slope 0%  
Upslope sand width 10'  
Downslope sand width 10'  
Sideslope sand width 10'  
Drainfield rock below pipe Chambers  
Depth of sand below rock 18"  
Perforation size & spacing 0.25" / 30" sp  
Pipe size & spacing 1.5" / 3' sp  
Dimensions of rock bed 10' x 38'  
Dimensions of sand base 30' x 45'  
Final cover 12" cover over rb; 4" TS

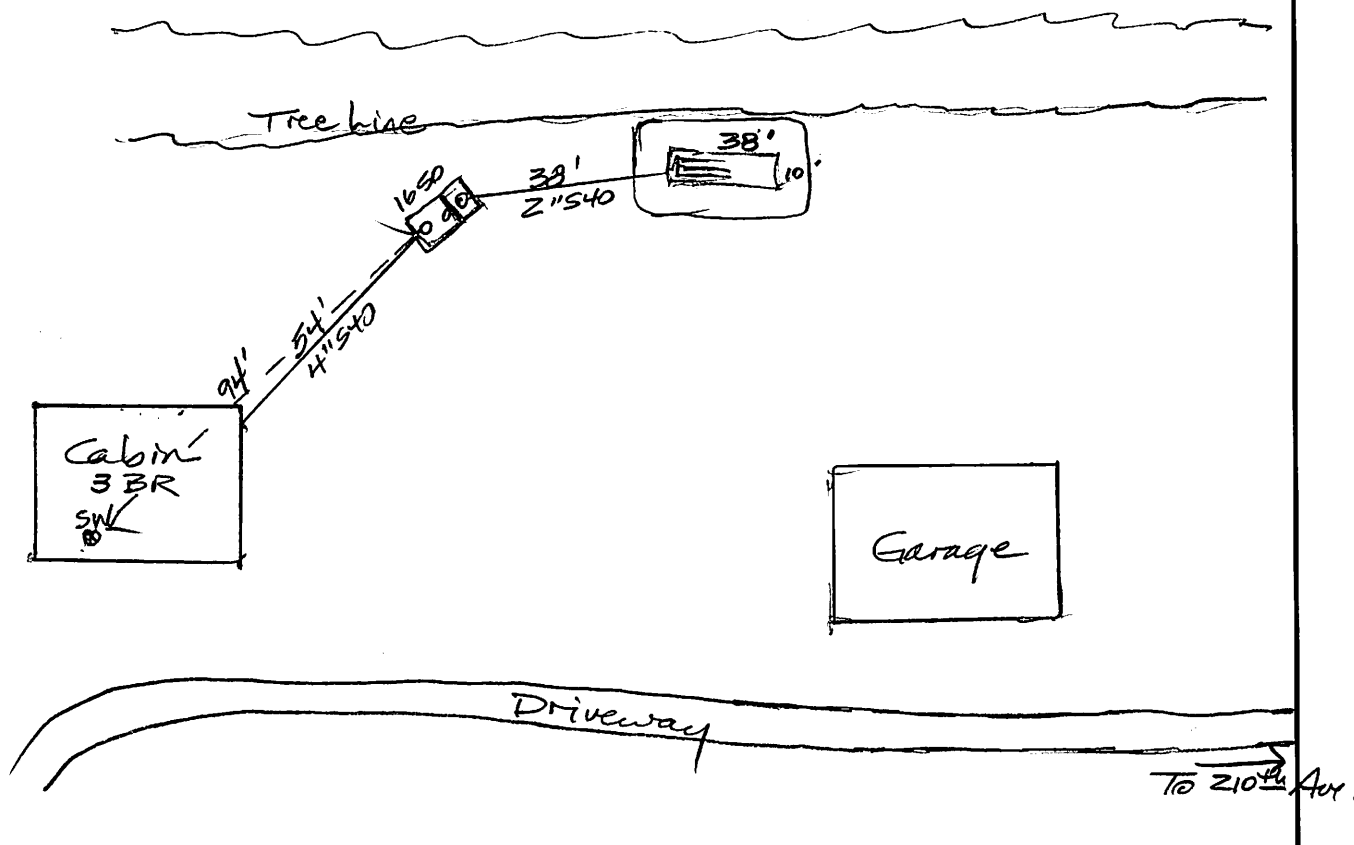
Inspector's Comments: Chambers used instead of rock.

Inspector's Signature Bryan Hargrave Installer's Signature —

# Site Drawing



No prop. lines  
w/ 100' of installation



Soils			
A	0-5"	10YR 3/2	SL
E	5-10"	10YR 5/3	SL
B1	10-22"	7.5YR 4/3	SL
B2	22"+	7.5YR 4/4	SL
		W common 7.5YR 5/6	
		+ faint 9.5YR 6/2 weather	

Notes

Not called for scar. inspection  
Consistently dry in upper 12"  
Tank put in last fall. 100 wet  
last fall to put mound in.



2020/06/04



2020/06/04



2020/06/04



2020/06/05



2020/06/05





2020/06/05



2019/11/14



2019/11/14



2019/11/14